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WORKING PAPER

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5 September 1967

## MEMORANDUM FOR THE RECORD

SUBJECT: ARGO (Peaceful Uses) Highlights, 10 August - 1 September 1967

1. 10 August 1967. Steering Committee Meeting, Executive Office Building, 1500-1700 hours. Present: [redacted]

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a. [redacted] announced principal subject of business was to choose the areas in South America to focus on for Phase II.

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b. [redacted] reviewed revised plans for Phases II and III (Attachment A). Phase II to begin 14 August; Phase III 19 October and extend to 15 November; publication of report by 15 December. Total project time thus shortened by two months. Phase II envisions medium scale studies of several areas, only one of which so far chosen (in northwest corner of total area). Others were to be chosen the following week. [redacted] said, "Do it tomorrow". Areas would be chosen to permit participation in each of greatest number of scientists. Overlay of small scale material will be done by contractors.

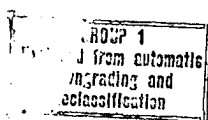
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c. There was complaint from principals about delay in materials. [redacted] attempted to explain. [redacted] said delays "not acceptable", that it seemed to him that vice-presidential interest in the project was sufficiently high level to get action and if there were delays the scientists were to call him. He turned to me and asked that an expeditor should be appointed. I said I would be and gave name and phone number. I told Steininger afterward that as far as we were aware there were no bottlenecks at our end, that there may have been some confusion due to communications as to just what was wanted. (This was afterward reported to [redacted] who called [redacted] and assured them that there had been no bottlenecks at our end. Since then careful records of requests and delivery dates have been kept and almost all requested material has been delivered ahead of schedule.)

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d. A seminar on Phase II is planned to be held at NPIC on 18 October from 1300 to 1600 hours. (Training Branch has been advised and the Auditorium reserved.)

e. [ ] raised the apprehension of the working scientists in regard to the products expected from Phase II. They felt it could not be considered to be a finished product and would not want to stake their professional reputations on it. Felt they lacked good data base on one hand and were not doing justice to material on the other hand. [ ] assured him product would not be tested by the scientific community but that whatever came out should be a tangible thing, not generalities. [ ] came back to saying, expedite your selection of areas and plan of attack -- "Get it done!"

d. [ ] mentioned need to feed evaluations of material to NASA for planning future collection programs. Principals indicated they not all feel competent. [ ] remarked he had told [ ] to use group as he could.

e. Point was raised that Steering Committee should meet with workers, to define objectives, surface problems, rather than expect best results from sweeping decisions from Steering Committee. It was agreed next meeting of Steering Committee would be held with Working Group. There were further remarks about encouraging visits to Working Group: NASA had suggested Space Advisory Group visit; Dr. Hornig may want group of outsiders to evaluate; perhaps some commercial people should be brought in (but this latter [ ] noted was best put "on back burner".

f. Next meeting Friday, 1 September at [ ]

2. Requests for material for the close of Phase I and for Phase II ~~was~~ received Monday, 14 August and delivered 16 and 18 August per schedule, and 21 and 25 August well in advance of schedule.

3. [ ], NASA, VISITED NPIC 15 AUGUST FOR TWO HOURS TO REVIEW "PEACEFUL USES" BOARDS. [ ] ASSEMBLED, [ ]

Intelligence Officer, Operations Staff, NPIC

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DEPARTMENT OF THE ARMY  
U. S. ARMY ENGINEER TOPOGRAPHIC LABORATORIES  
FORT BELVOIR, VIRGINIA 22060

ATTACHMENT A

10 August 1967

PROJECT ARGO  
REVISED PLAN FOR PHASES II AND III

GENERAL

Two major changes have been made to the original plan:

1. Work effort on Phase II will be divided, with contractor personnel, assisted by the participating scientists, making the small-scale overlays, and the scientists, assisted by contractor personnel, doing the medium-scale studies.
2. The total project time has been shortened by two months, ending in December instead of February.

PHASE II

Phase II will begin on 14 August 1967.

The contractor will prepare 1:1,000,000 scale overlays for the entire study area for the following subjects: Surface Configuration, Hydrologic Features, Vegetation, Geology, Surface Materials, and General Climatology. Specific legends for each overlay will be the result of discussions between the contractor analysts and the scientists.

All of the contractor effort will be done under the existing contract, which will be modified to account for additional man-hours that could not be estimated when the contract was prepared.

The scientists will prepare several medium-scale studies. Only one of the areas has been selected. For this area, however, all of the materials are available. Other small study areas will be selected by the scientists during the week of 14 August.

Listed below are the subjects on which information will attempt to be developed by the scientists. Each of the principal investigators shown will be assisted by specialists in other relevant disciplines, as well as by contractor personnel, as required.

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SUBJECT

Average Annual Precipitation  
(According to Type)

Average Annual Water Yield

Land Use

Estuarine Mechanics

Transportation and Communications

Potential for:

Transportation and Communications

Agricultural Areas

Forest Product Areas

Power Sources

Mineral Areas

Environmental Hazards

System Deficiencies

The medium-scale studies are scheduled to be completed by 6 October 1967. During the week of 9-13 October, the scientists will examine and compare the small-scale and medium-scale studies and prepare any additional analyses that someone may want to attempt.

A seminar on Phase II could be held on 18 October.

PHASE III

Phase III would begin on 19 October and extend until 15 November, at which time the draft coordinated evaluation report will be given to the contractor for publication. Reproduction will be completed by 15 December.

A seminar on the total project could be held on 20 December.

MAJOR MILESTONES

|              |   |
|--------------|---|
| 14 August    | Begin work on both small-scale and medium-scale studies |
| 7 September  | Complete plans for Phase III                            |
| 29 September | Complete small-scale overlays                           |
| 6 October    | Complete medium-scale overlays                          |
| 13 October   | Start final drafting                                    |
| 18 October   | Seminar on Phase II                                     |
| 19 October   | Begin Phase III   |
| 15 November  | Complete Phase III                                      |
| 16 November  | Start preparation of Phase III report                   |
| 1 December   | Complete Phase II Report Production                     |
| 15 December  | Complete Phase III Report Production                    |
| 20 December  | Seminar on complete project                             |

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